Vasu Peddinti

Full Stack Developer | React Native | Next.js | Tailwind CSS | Python | PHP | MySQL | NxtWave CCBP 4.0
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Professional Summary

Full Stack Developer with 7+ years of experience building and deploying web and mobile applications, automation solutions, and digital platforms for government and education sector projects. Proficient in frontend, backend, databases, and mobile app development with expertise in React Native, Next.js, Tailwind CSS, PHP, Python, and MySQL. Recognized nationally for delivering impactful digital transformation projects — including automation solutions that contributed to Vizianagaram District receiving the Sword of Honour Award for excellence. Currently pursuing advanced training in Full Stack Development and Python with NxtWave CCBP 4.0 Certification Programs.

Key Skills

Frontend:	HTML, CSS, Bootstrap, JavaScript, jQuery, React Native, Expo, Next.js, Tailwind CSS
Backend:	PHP, Python, Selenium, Node.js (basic via Next.js), Drizzle ORM
Databases:	MySQL, SQLite, Turso LibSQL
Mobile Development:	React Native, Expo, Ionic
Tools & Automation:	Selenium, Zustand, MS Excel, MS PowerPoint
Other Expertise:	REST APIs, Geo Tagging integrations, Data validation & reporting

Professional Experience

Data Analyst & Full Stack Developer (2017 – Present)

Government Projects (Vizianagaram, Parvathipuram Manyam & Rajamahendravaram Districts)

- Designed and deployed 10+ web and mobile applications for education monitoring, geo-tagging, automation, and digital platforms.
- Developed and published mobile apps using React Native & Expo, including production-ready apps on Google Play Store.
- Built scalable platforms with Next.js, Tailwind CSS, Zustand, Drizzle ORM, ensuring modular design and optimized performance.
- Implemented automation scripts (Python, Selenium) to reduce manual effort and improve accuracy in education and governance processes.

Major Projects & Achievements

Unified Digital Platform (2025–26) - Built with Next.js, Tailwind CSS, Zustand, Drizzle ORM, Turso LibSQL for Dept. of School Education.

Savara Christian Songs App (2024–25) - Published app on Play Store using React Native, Expo, PHP, SQLite.
Mobile App for Education Monitoring (2023–24) - React Native + Expo app integrated with PHP & SQLite backend.

Teachers Seniority List Portal (2022–23) - Full-stack site using HTML, CSS, Bootstrap, JS, jQuery, PHP, SQLite.

Geo Tagging Mobile Application (2021–22) - Offline-capable app with Ionic, PHP, MySQL & SQLite.

UDISE Plus Automation (2020–21) - Automated workflows with Python & Selenium, reduced errors by 60%.

AP Girijan Cooperative Corporation (2019–20) - Full-stack web & mobile apps using PHP, MySQL, Bootstrap, jQuery.

PM Poshan Automation (2018–19) - Developed Python & Selenium automation system.
Impact: Contributed to Vizianagaram District winning the **Sword of Honour Award** at the national level.

Education

Bachelor's in B.Sc Computers, Dr.B.R.Ambedkar Open University, 2017.
NxtWave CCBP 4.0 Academy (2025 – Ongoing) - Full Stack Development & Python Certification Programs

Certifications

Full Stack Development – NxtWave CCBP 4.0 (In Progress) Python
Programming – NxtWave CCBP 4.0 (In Progress)